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Datasheet for ABIN1386856 anti-XRCC4 antibody (AA 151-260)

2 Images



Overview

Quantity:	100 µL
Target:	XRCC4
Binding Specificity:	AA 151-260
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

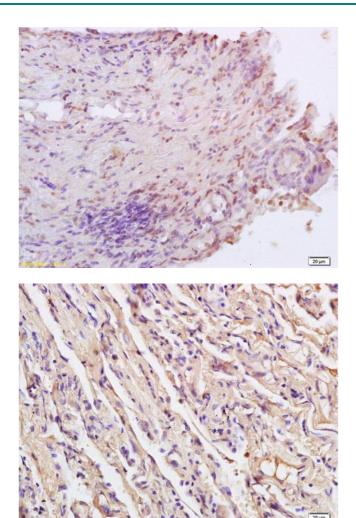
Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human XRCC4
lsotype:	lgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.
Target Details	
Target:	XRCC4

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Target Details	
Alternative Name:	XRCC4 (XRCC4 Products)
Background:	Synonyms: DNA repair protein XRCC4, X-ray repair cross-complementing protein 4, XRCC4 Background: Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination. Binds to DNA and to DNA ligase IV (LIG4). The LIG4- XRCC4 complex is responsible for the NHEJ ligation step, and XRCC4 enhances the joining activity of LIG4. Binding of the LIG4-XRCC4 complex to DNA ends is dependent on the assembly of the DNA-dependent protein kinase complex DNA-PK to these DNA ends.
Gene ID:	7518
UniProt:	Q13426
Pathways:	DNA Damage Repair, Production of Molecular Mediator of Immune Response
Application Details	
Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat colitis labeled with Anti XRCC4 Polyclonal Antibody, Unconjugated (ABIN1386856) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human endometrial tissue labeled with Anti XRCC4 Polyclonal Antibody, Unconjugated (ABIN1386856) at 1:200 followed by conjugation to the secondary antibody and DAB staining

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